

ISS Payload Human Factors Requirements Compliance Feedback Form

Payload to be evaluated: ADSEP

Place and Date of evaluation: Space Center Houston Conf. Room on 3/20/03

Payload Developer POC: Niki Werkheiser Signature: _____

HFIT person performs evaluation: Stacey Vaeth / Pat Williams Signature: _____

Acceptable			Requirements Section and 882 NUMBER	Human Factors/Crew Interface Problem	Suggested Resolution:	Consequences if not fixed	HFIT Disposition
Yes	No	N/A					
X			3.12.6.1.A 882-4-1	Items are not restrained when in the CGBA, so do not meet requirement which states that they will be restrained when in stowage so they will not float away when stowage is closed or open.	Restrain the Loose payload items when they are in the CGBA. Provide pictures of items strapped in the CGBA or allow HFIT to visual inspect payload restrained in CGBA. If a procedure change is made, we will need to view the procedures in order to accept.		PD COMPLIED CLOSED
X			3.12.6.3 882-4-2	Covers on Connectors are not restrained.	Put Kapton Tape over covers for launch and throw away tape and cover once they are removed on orbit. HFIT need to visually inspect the tape or be provided a picture showing the tape over the 4 covers.		PD COMPLIED CLOSED

Acceptable			Requirements Section #	Human Factors/Crew Interface Problem	Suggested Resolution:	Consequences if not fixed	HFIT Disposition
Yes	No	N/A					
X			3.12.6.4.4 882-4-3	IVA Handles do not meet dimension stated in requirement.	Upon Crew recommendations, accept that even though dimensions do not meet 57000 requirements, we should be able to use the handles with one to two fingers.		A demonstration by a 5 th percentile female shows two finger access and by a 95 th percentile male shows one finger access. We will accept this deviation based on this demo and crew recommendation.
X			3.12.7 882-4-4	Labeling needs to be added to all Payload Hardware.	Once labeling complete, pictures or visual inspection of labels on hardware needs to be shown to the HFIT Team.		732 ISSUED CLOSED

Closed all open actions

Place and date: _____

Payload Developer POC: _____ Signature: _____

HFIT person concurrence: _____ Signature: _____